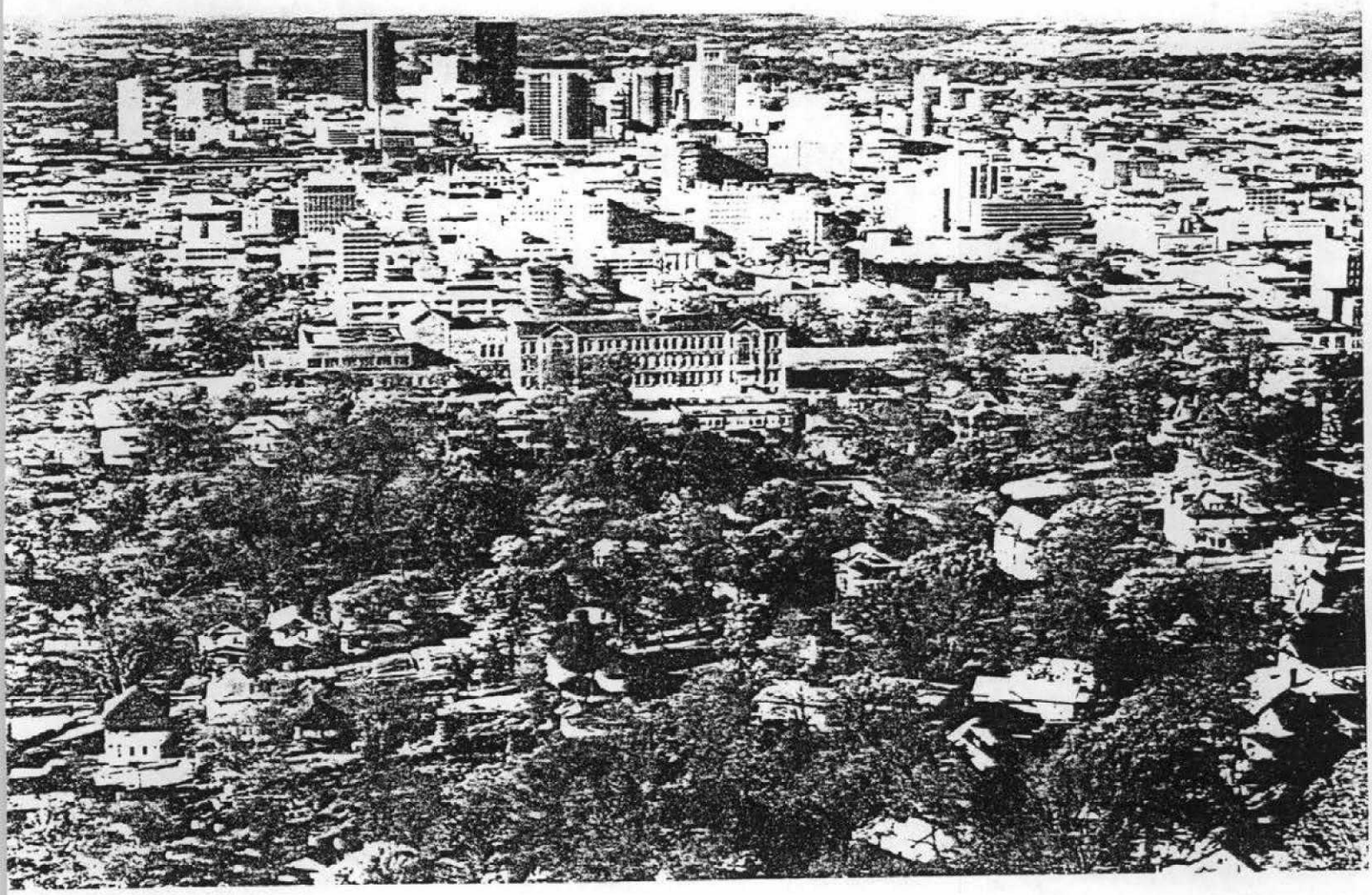
Pinson Valley PA
Ref. 45

oil survey of

efferson County, Alabama



United States Department of Agriculture, Soil Conservation Service
in cooperation with
Alabama Agricultural Experiment Station
Alabama Department of Agriculture and Industries
Alabama Surface Mining Reclamation Commission
United States Department of the Interior, Bureau of Land Management

This soil survey is a publication of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other federal agencies, state agencies including the Agricultural Experiment Stations, and local agencies. The Soil Conservation Service has leadership for the federal part of the National Cooperative Soil Survey. In line with Department of Agriculture policies, benefits of this program are available to all, regardless of race, color, national origin, sex, religion, marital status, or age.

Major fieldwork for this soil survey was performed in the period 1970-80. Soil names and descriptions were approved in 1980. Unless otherwise indicated, statements in this publication refer to conditions in the survey area in 1980. This survey was made cooperatively by the Soil Conservation Service, the Alabama Agricultural Experiment Station, the Alabama Department of Agriculture and Industries, the Alabama Surface Mining Reclamation Commission, and the United States Department of the Interior, Bureau of Land Management. It is part of the technical assistance furnished to the Jefferson County Soil and Water Conservation District.

Soil maps in this survey may be copied without permission. Enlargement of these maps, however, could cause misunderstanding of the detail of mapping. If enlarged, maps do not show the small areas of contrasting soils that could have been shown at a larger scale.

Cover: Central business district of the city of Birmingham. About one-fifth of the total land area in Jefferson County is in urban use.

contents

soil series

Issued August 1982

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summary of tables

12	Sullivan-State: Well drained soils that are moderately permeable; formed in recent alluvium

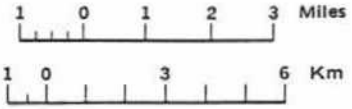
Compiled 1981

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
ALABAMA AGRICULTURAL EXPERIMENT STATION
ALABAMA DEPARTMENT OF AGRICULTURE AND INDUSTRIES
ALABAMA SURFACE MINING RECLAMATION COMMISSION
U.S. DEPARTMENT OF INTERIOR, BUREAU OF LAND MANAGEMENT

GENERAL SOIL MAP

JEFFERSON COUNTY, ALABAMA

Scale 1:190,080



LEGEND

UNDULATING TO HILLY SOILS ON PLATEAUS, MOUNTAINS AND RIDGES

1 — Nauvoo-Townley-Montevallo: Well drained soils that are moderately and slowly permeable; formed in residuum from sandstone, siltstone, and shale

2 — Fullerton-Bodine-Urban land: Well and somewhat excessively drained soils that are moderately and moderately rapidly permeable and Urban land; soils formed in residuum from cherty limestone

3 — Nauvoo-Allen-Gorgas: Well drained soils that are moderately and moderately rapidly permeable; formed in residuum from sandstone and alluvium and colluvium

4 — Gorgas-Nauvoo-Urban land: Well drained soils that are moderately rapidly and moderately permeable and Urban land; soils formed in residuum from sandstone

UNDULATING TO ROLLING SOILS IN VALLEYS

5 — Holston-Townley-Urban land: Well drained soils that are moderately and slowly permeable and Urban land; soils formed in alluvium and colluvium and in residuum from shale and siltstone

6 — Etowah-Decatur-Sullivan: Well drained soils that are moderately permeable; formed in cherty alluvium and colluvium, cherty limestone residuum, and noncherty alluvium

7 — Urban land-Tupelo-Decatur: Urban land and moderately well and well drained soils that are slowly and moderately permeable; soils formed in cherty limestone colluvium or residuum

STEEP SOILS ON MOUNTAINS, DISSECTED PLATEAUS, AND VALLEY SIDES

8 — Bodine-Fullerton: Somewhat excessively drained and well drained soils that are moderately rapidly and moderately permeable; formed in residuum from cherty limestone

9 — Montevallo-Nauvoo: Well drained soils that are moderately permeable; formed in residuum from shale, siltstone, and sandstone

10 — Bodine-Birmingham: Somewhat excessively drained and well drained soils that are moderately rapidly and moderately permeable; formed in residuum from cherty limestone, ironstone, and red sandstone

11 — Leesburg-Gorgas: Well drained soils that are moderately and moderately rapidly permeable; formed in residuum from sandstone and in colluvium

NEARLY LEVEL SOILS ON FLOOD PLAINS

12 — Sullivan-State: Well drained soils that are moderately permeable; formed in recent alluvium

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JOINS PANEL 1

LOUISVILLE AND NASHVILLE RAILROAD SWITCHYARD

CORPORATE LIMITS

ZONE C

ZONE B

Dam

NASHVILLE

RM147

RAILROAD

ZONE B

ZONE A7

ZONE B

ZONE C

ZONE C

ZONE B

Jefferson County
AREA NOT INCLUDED

City of Tarrant City

47TH STREET

RM146

PARK AVENUE

JOINS PANEL 5

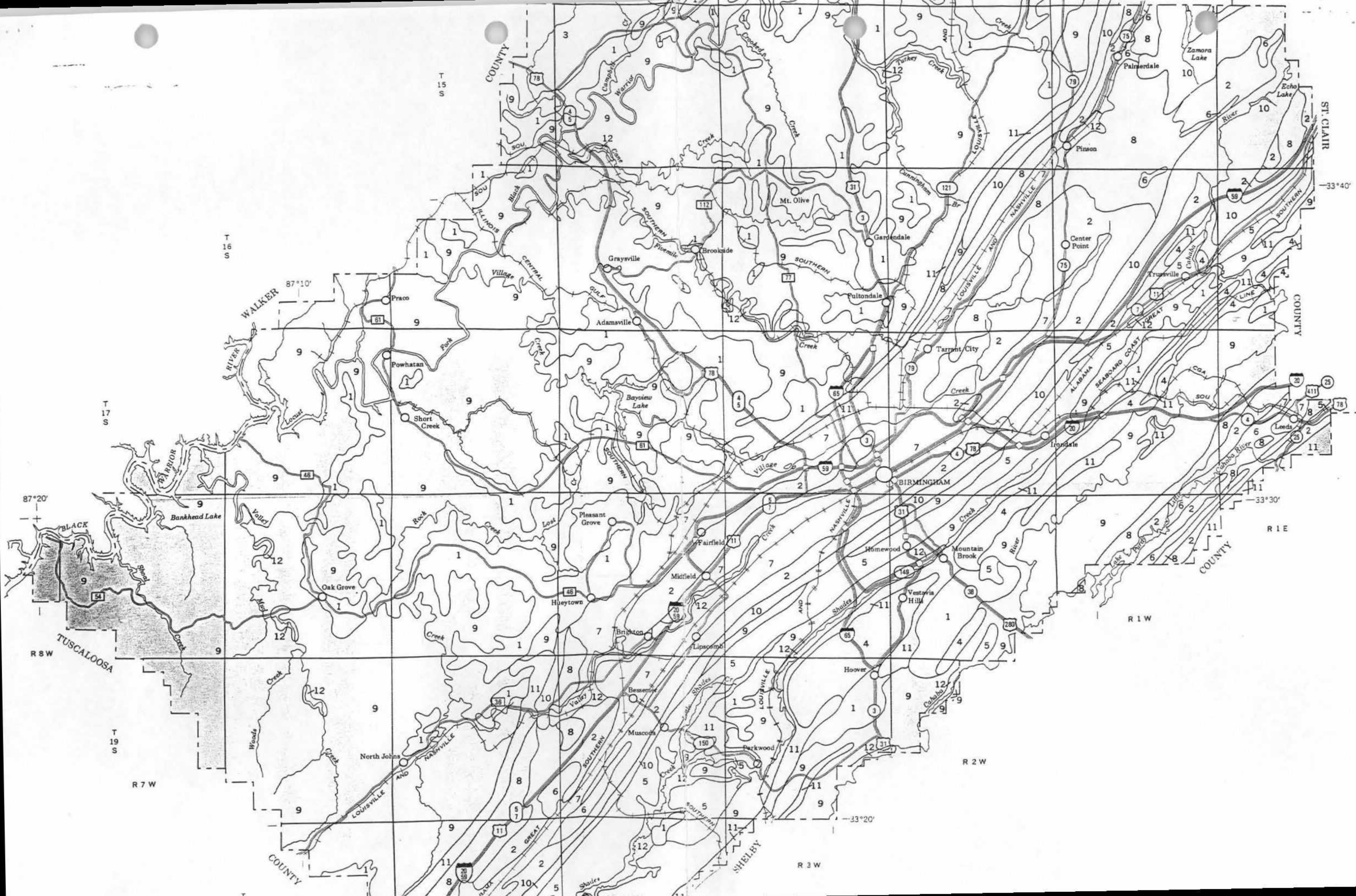
BUSH AVENUE

ALABAMA STREET

OVERTON AVENUE

JACKSON BOULEVARD

CORPORATE LIMITS



WALKER
COUNTY
ST. CLAIR
COUNTY
SHELBY
COUNTY
TUSCALOOSA
COUNTY
T 15 S
T 16 S
T 17 S
T 19 S
R 8 W
R 7 W
R 3 W
R 2 W
R 1 W
R 1 E
87°10'
87°20'
33°40'
33°30'
33°20'
BIRMINGHAM
Praco
Powhatan
Short Creek
Oak Grove
Hueytown
Pleasant Grove
Fairfield
Midfield
Brighton
Lipscomb
Bessemer
Muscoda
North Johns
Adamsville
Graysville
Brookside
Mt. Olive
Gardendale
Fultondale
Tarrant City
Center Point
Pinson
Palmerdale
Trussville
Irondale
Leeds
Homewood
Mountain Brook
Vestavia Hills
Hoover
Parkwood
Bankhead Lake
Bayview Lake
Zamora Lake
Echo Lake
Lake Purdy
WARRIOR RIVER
BLACK
Locust Fork
Valley Creek
Mud Creek
Shoal Creek
Rock Creek
Lost Creek
Woods Creek
Village Creek
Fivemile Creek
Cane Creek
Campbell Cr.
Crooked Creek
Turkey Creek
Cunningham Br
Cahaba River
Little Cahaba
Shades Creek
Black Warrior
SOUTHERN
ILLINOIS CENTRAL GULF
LOUISVILLE AND NASHVILLE
ALABAMA GREAT SOUTHERN
SEABOARD COAST LINE
CGA
SOU